

ABSTRACT OF THE DISCLOSURE

**FLEXIBLE INTEGRATION OF SOFTWARE APPLICATIONS IN A
NETWORK ENVIRONMENT**

5 A software application for integration into a picture archiving and
communications systems (PACS) network is described. The software application is
provided as a single software component using model-view-controller software
architecture. The software component's interface is used to expose predominantly only
functional parts of a stand-alone version of the software application to a system
10 integrator. The interface provides a set of user interface control parameters and a set
of data handling parameters. These allow a PACS network provider to integrate the
software application easily by generating a suitable graphical user interface for the
application which can be configured to match the "look and feel" desired by the
network provider. This can be done in a way which does not require the PACS
15 network provider to have a deep understanding of the technical functioning of the
software application.

Figure 2